

a reflector for aligning and emitting the light irradiated from the source lamp;
and

a case for accommodating the source lamp and the reflector,

wherein a light-emitting surface of the reflector is covered by a light-transmissive plate and a pair of openings is formed on a contact surface of the light-transmissive plate and the reflector, the pair of openings being symmetrically disposed around an optical axis of the reflector, and

wherein the case includes a cooling channel for introducing a cooling air to the source lamp through the pair of openings and a cooling channel shutter for shutting the cooling channel when the case is detached from the projector and for opening the cooling channel when the case is attached to the projector on both pair of the openings.

2. (Amended) The light source according to claim 1, wherein the pair of openings comprise recesses formed on the distal part of the reflector in the light-emitting direction.

3. (Amended) The light source according to claim 1, wherein the pair of openings are horizontally disposed when the case is detached from the projector.

4. (Amended) The light source according to claim 1, wherein the cooling channel shutter includes a lid member rotatably supported to the case for shutting an opening formed on the case and a biasing member for biasing the lid member in rotary direction.

9. (Amended) The projector according to claim 8, further comprising a duct having an end inserted into the cooling channel shutter while being attached to the light source for introducing the cooling air into the light source.

10. (Amended) The projector according to claim 9, wherein a fan for transferring the cooling air is provided on a base end of the duct.

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11. (Amended) The projector according to claim 9, further comprising an exhaust duct for discharging the air having cooled the inside of the light source, a base end of the duct being connected to the exhaust duct.

12. (Amended) The light source according to claim 8, wherein the pair of openings comprise recesses formed on the distal part of the reflector in the light-emitting direction.

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13. (Amended) The light source according to claim 8, wherein the pair of openings are horizontally disposed when the case is detached from the projector.

14. (Amended) The light source according to claim 8, wherein the cooling channel shutter includes a lid member rotatably supported to the case for shutting an opening formed on the case and a biasing member for biasing the lid member in rotary direction.

REMARKS

Claims 1-17 are pending. By this Amendment, the specification is amended, Figure 8 is corrected and claims 1-4 and 9-14 are amended.

The attached Appendix includes marked-up copies of each rewritten paragraph (37 C.F.R. §1.121(b)(1)(iii)) and claim (37 C.F.R. §1.121(c)(1)(ii)).

I. The Specification Satisfy All Formal Requirements

The Office Action objects to the specification due to informalities. The specification has been amended to obviate this objection.

II. The Drawings Satisfy All Formal Requirements

The Office Action objects to the drawings. The specification and Figure 8 have been corrected to obviate this objection.